INFORMATION REQUIREMENT - TERMS AND CONDITIONS FOR VIRTUAL COLLOCATION SPACE - INSTALLATION, MAINTENANCE, AND REPAIR OF INTERCONNECTOR-DESIGNATED EQUIPMENT BY OUTSIDE CONTRACTORS

(a) State whether PRTC uses outside contractors to maintain and repair its own transmission equipment. If PRTC does use outside contractors to maintain and repair its own transmission equipment, explain why its tariff does not permit interconnectors to select outside contractors to perform maintenance and repair of interconnector-designated equipment, as required in the Virtual Collocation Order. (Order at ¶ 104)

PRTC does not use outside contractors to maintain and repair its own transmission equipment, relying instead on its own employees. However, if presented with a problem that PRTC's employees cannot solve, then PRTC calls upon the services of the equipment supplier. Application of this procedure for interconnector-designated equipment is consistent with the Virtual Collocation Order.

The Commission imposed the responsibility upon the LEC to maintain and repair the central office equipment that the LEC owns and that is dedicated to the use of interconnectors. In the event that the LEC permits outside service representatives to enter its central office to maintain or repair LEC equipment, the LEC must permit outside service representatives to do the same for virtual collocators. The Commission also found that it may be less costly to the interconnector if outside contractors provide maintenance and repair functions for equipment with which the LEC employees are not familiar. However, to the extent that the equipment is the same as that the LEC itself employs, there

Expanded Interconnection MO&O, 9 FCC Rcd at 5172.

<sup>&</sup>lt;sup>11</sup> <u>Id.</u> at 5173.

should be no concern regarding the LEC passing on to the interconnector additional charges for training LEC personnel to service the equipment.

PRTC's procedure, therefore, is consistent with these Commission findings. PRTC employees primarily maintain and repair the central office equipment, but PRTC will utilize the services of the equipment supplier itself when faced with a problem or task for which PRTC's employees have not been trained to address. PRTC will apply the same procedure to the interconnector as it provides to itself. Therefore, the interconnector would be charged for providing training to PRTC employees to work with unfamiliar equipment only at the interconnector's direction. See PRTC Tariff F.C.C. No. 1, Section 18.3 at 18-6.

(b) State whether PRTC will honor an interconnector's request that PRTC add contractors who meet PRTC's certification requirements to PRTC's approved contractor lists. If PRTC does not honor such requests, explain the reasons for its policies. (Order at ¶ 104)

PRTC does not currently have certification requirements for outside contractors to maintain and repair transmission equipment, because PRTC uses only its own employees or the equipment supplier for these purposes. PRTC only uses outside contractors for installation, and in that case, it generally uses the installation personnel provided by the equipment supplier.

PRTC would follow the same policy for all interconnectors requesting service under PRTC's virtual collocation tariff, as

stated in PRTC's Tariff F.C.C. No. 1, Section 18.3 at 18-6.

(c) Explain the following: (1) the criteria PRTC will use to determine whether to certify an outside contractor to install, maintain, and repair interconnector-designated equipment; (2) the criteria PRTC uses to certify outside contractors who install, maintain, and repair PRTC's other DS1 and DS3 special and switched access transmission equipment; and (3) whether any of the former requirements are more stringent than the latter. (Order at ¶ 105)

As explained in the previous responses, PRTC utilizes outside contractors solely for the installation of equipment, and only PRTC employees provide repair and maintenance services.

This policy applies both for interconnector-designated equipment and for PRTC's DS1 and DS3 special and switched access transmission equipment. With respect to installation of equipment, PRTC's certification procedure is satisfied when the equipment supplier provides for PRTC's review pertinent information regarding the individuals who will be performing the task, including names, qualifications, and the identification of any subcontractors that may be involved in the installation, so that PRTC can verify the qualifications of the supplier employees.

INFORMATION REQUIREMENT - TERMS AND CONDITIONS FOR VIRTUAL COLLOCATION SPACE - INSTALLATION, MAINTENANCE, AND REPAIR INTERVALS

(a) Explain why PRTC's tariff does not state that PRTC will comply with the <u>Virtual Collocation Order</u>'s requirement that LECs install, maintain and repair interconnector-designated equipment under, at a minimum, the time intervals and failure rates that apply to LEC equipment for DS1 and DS3 special access and switched transport services. (Order at ¶ 108)

LECs must provide services for installing, maintaining, and repairing the central office equipment owned by the LECs and dedicated to the use of interconnectors. The <u>Virtual Collocation Order</u> clearly sets forth the standard under which this requirement must be met: "at a minimum, under the same time intervals, and with the same failure rates, that apply to the performance of similar functions for comparable LEC equipment." To the extent that PRTC performs virtual collocation functions to an interconnector similar to functions that it performs for itself, PRTC will provide service to the interconnector within the same interval that PRTC provides for itself. The omission of this language in the tariff does not suggest that PRTC will not satisfy the Commission's standard, particularly given the clear standard set forth in the <u>Virtual Collocation Order</u>.

<sup>&</sup>lt;sup>12</sup> <u>Id.</u> at 5172.

(b) Discuss why it would not be reasonable to inform interconnectors of PRTC's specific installation, maintenance and repair intervals by including appropriate language in its tariff. In particular, comment on whether it would benefit interconnectors, without being unduly burdensome to PRTC, to state in PRTC's tariff: (1) the frequency with which it will perform maintenance and repair of interconnector-designated equipment; (2) the maximum response time to intermittent service outages; and (3) the restoration priorities if a PRTC wire center is inoperative. (Order at ¶ 108)

PRTC's maintenance and repair intervals for collocation services would depend upon actual experience with collocators. To date, PRTC has received no requests for virtual collocation under the tariff and thus is not in a position to set specific intervals. It is likely that repair times could differ depending on the needs of the collocator and the actual repair that is required, so a standard maintenance and repair response interval is not necessarily appropriate. In addition, it would not be appropriate to tariff a collocation service restoration plan, because PRTC's service restoration plan is intended to prioritize restoration of service for customers providing services related to defense and public safety. This plan is set forth in PRTC's Tariff F.C.C No.1 Section 13.3.3, attached hereto as Exhibit 11. In the event of service interruption, all collocators will have service restored on a nondiscriminatory basis.

(c) Explain whether PRTC has any obligation under its tariff to monitor central office equipment and to notify interconnectors when maintenance and repair service is warranted. If it does not have such an obligation under its tariff, explain why this is consistent with the Commission's virtual collocation requirements. (Order at ¶ 109)

Under the <u>Virtual Collocation Order</u>, LECs are responsible for maintenance and repair of the central office equipment that is dedicated to interconnection. PRTC's tariff requires the customer to inform PRTC that the customer intends for PRTC to maintain its equipment and facilities used to provision virtual collocation. If this is the customer's selection, this maintenance function necessarily includes monitoring and required repairs. In general, however, PRTC's tariff provides that the customer is responsible for monitoring the performance of the facilities and equipment used to provision VEIS. <u>See</u> PRTC Tariff F.C.C. No. 1, Section 18.3 at 18-7.

Respectfully submitted,
PUERTO RICO TELEPHONE COMPANY

Joe D. Edge

Tina M. Pidgeon Drinker Biddle & Reath

901 15th Street, N.W., Suite 900

Washington, D.C. 20005

Its Attorneys

April 10, 1997

### CERTIFICATE OF SERVICE

I, Dottie E. Holman, do hereby certify that a copy of the foregoing Direct Case of Puerto Rico Telephone Company was delivered by hand-delivery this 10th day of April, 1997, to the following:

William F. Caton Secretary Federal Communications Commission 1919 M Street, NW, Room 222 Washington, DC 20554

ITS 2100 M Street, NW Room 140 Washington, DC 20037

Competitive Pricing Division Common Carrier Bureau 1919 M Street, N.W., Rm. 518 Washington, D.C. 20554

Dottie E Holman

## I. Partitioned Direct Costs for Virtual Collocation

April 10, 1996

| A                                                                                                | В            | С                                     | Ď           | Ē                                       | F            | G                                     | Н                                                | }                                                |
|--------------------------------------------------------------------------------------------------|--------------|---------------------------------------|-------------|-----------------------------------------|--------------|---------------------------------------|--------------------------------------------------|--------------------------------------------------|
| n                                                                                                |              | -                                     | _           | Cross-                                  | Equipment    | Maintenance                           | Technician                                       | Total                                            |
|                                                                                                  | Provisioning | Entrance                              | Termination | Connection                              | Installation | & Repair                              | Training                                         | Direct Cost                                      |
| Data Flamout                                                                                     | Provisioning |                                       |             |                                         |              | Function                              | Function                                         | Cum Bac all                                      |
| Rate Element                                                                                     | Function     | Function                              | Function    | Function                                | Function     | Function                              | Function                                         | (Sum B+C+H)                                      |
| DS1 Cross Connect                                                                                |              |                                       |             | \$14.61                                 |              |                                       | ļ                                                | \$14                                             |
| DS3 Cross Connect Cable Support Structure DS1/DS3 Floor Space DS1/DS3 Cable Installation DS1/DS3 |              |                                       |             | \$149.60                                |              |                                       | <u> </u>                                         | \$149                                            |
| Cable Support Structure DS1/DS3                                                                  |              | \$126.83                              |             |                                         |              |                                       |                                                  | \$126                                            |
| Floor Space DS1/DS3                                                                              |              | \$4.92                                |             |                                         |              |                                       |                                                  | \$4                                              |
| Cable Installation DS1/DS3                                                                       |              |                                       |             |                                         | \$1,475.00   |                                       |                                                  | \$1,475                                          |
| Equipment Installation                                                                           | 1            |                                       |             |                                         | ICB          |                                       | 1                                                | ICB                                              |
| Training                                                                                         |              |                                       |             |                                         |              |                                       | ICB                                              | ICB                                              |
| Equipment Maintenance                                                                            |              |                                       | <del></del> |                                         |              | ICB                                   | 1                                                | ICB                                              |
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## II. Partitioned Rates for Virtual Collocation

April 10, 1996

| A<br>Rate Element                                                              | B Provisioning Function | C<br>Entrance<br>Function | D<br>Termination<br>Function          | E<br>Cross-<br>Connection<br>Function | F Equipment Installation Function | G<br>Maintenance<br>& Repair<br>Function | H<br>Technician<br>Training<br>Function          | Total Rate<br>(Sum B+C+H                         |
|--------------------------------------------------------------------------------|-------------------------|---------------------------|---------------------------------------|---------------------------------------|-----------------------------------|------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| DS1 Cross Connect                                                              |                         |                           |                                       | \$22.34                               |                                   |                                          |                                                  | \$2                                              |
| DS3 Cross Connect                                                              |                         |                           |                                       | \$22.34<br>\$237.40                   |                                   |                                          |                                                  | \$23                                             |
| Cable Support Structure DS1/DS3                                                |                         | \$211,19                  |                                       |                                       |                                   |                                          |                                                  | \$21                                             |
| Cable Support Structure DS1/DS3 Floor Space DS1/DS3 Cable Installation DS1/DS3 |                         | \$8.19                    |                                       |                                       |                                   |                                          |                                                  |                                                  |
| Cable Installation DS1/DS3                                                     |                         |                           |                                       | †                                     | \$1,475.00                        |                                          | <del> </del>                                     | \$1,47                                           |
| Equipment Installation                                                         |                         |                           | · · · · · · · · · · · · · · · · · · · | 1                                     | ICB                               |                                          |                                                  | ICB                                              |
| Training                                                                       |                         |                           |                                       |                                       | ··········                        |                                          | ICB                                              | ICB                                              |
| Equipment Maintenance                                                          |                         |                           |                                       |                                       |                                   | ICB                                      | f ==                                             | ICB                                              |
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### **III. Virtual Collocation Investment**

## **DS1 Cross Connect Function**

| A                              | B                        | C<br>Installation         | D<br>Installation<br>Direct Cost | E<br>Engineering | F<br>Engineering<br>Direct Cost                  | G<br>Installed Unit           | H<br>Unit    |
|--------------------------------|--------------------------|---------------------------|----------------------------------|------------------|--------------------------------------------------|-------------------------------|--------------|
| Rate Elements\Investment Items | Investment               | Hours                     | Per Hour                         | Hours            | Per Hour                                         | Investment<br>(B+(C*D)+(E*F)) | Capacity     |
| DS1 Cross Connect              |                          |                           |                                  |                  |                                                  |                               |              |
| ltem A - Abam Cable ∖2         | \$588.00                 | ICB \1                    | ICB \1                           | ICB \1           | ICB \1                                           | \$588.00                      |              |
| Item B - DSX -1 Jackfield      | \$1,000.00               | ICB \1                    | ICB \1                           | ICB \1           | ICB \1                                           | \$1,000.00                    |              |
| Item C                         |                          |                           | ļ                                |                  |                                                  |                               |              |
| Item D                         | <del> </del>             |                           |                                  |                  |                                                  |                               |              |
| Item E                         |                          |                           |                                  |                  |                                                  |                               |              |
| Total                          | ••                       | +-                        | **                               |                  | -                                                |                               |              |
| Recurring Rate Element 2       |                          |                           |                                  |                  |                                                  |                               |              |
| Item A                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item B                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item C                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item D                         | ļ                        |                           | ļ                                |                  |                                                  |                               |              |
| Item E                         |                          | Accessor Company and 1875 |                                  |                  |                                                  |                               | <del> </del> |
| Total                          | <del>-</del>             |                           |                                  | -                |                                                  | -                             | -            |
| Recurring Rate Element 3       |                          |                           |                                  |                  |                                                  |                               |              |
| Item A                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item B                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item C                         |                          |                           |                                  |                  | <u> </u>                                         |                               |              |
| Item D                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item E                         |                          |                           |                                  |                  |                                                  |                               |              |
| Total                          | #*                       | j <b>a</b> ••             |                                  | ••               | **                                               | ••                            |              |
| Nonrecurring Rate Element 1    | <del> </del>             |                           |                                  |                  |                                                  |                               |              |
| Item A                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item B                         |                          |                           |                                  |                  |                                                  | i                             |              |
| Item C                         |                          |                           |                                  |                  |                                                  |                               |              |
| item D                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item E                         |                          |                           |                                  |                  |                                                  |                               |              |
| Total                          |                          |                           | -                                | -                | -                                                |                               | <u> </u>     |
| Nonrecurring Rate Element 2    | 1                        |                           | <del> </del>                     |                  |                                                  |                               |              |
| Item A                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item B                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item C                         | I                        |                           |                                  |                  |                                                  |                               |              |
| Item D                         |                          |                           |                                  |                  |                                                  |                               |              |
| Item E                         |                          |                           |                                  |                  |                                                  |                               |              |
| Total                          |                          | ••                        |                                  | -                | n, 10 <b>.44</b> , 11.11                         |                               |              |
| Nonrecurring Rate Element 3    |                          |                           |                                  | <del></del>      |                                                  |                               |              |
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| Item A Item B                  | <del> </del>             |                           | <del> </del>                     | <del></del>      |                                                  | <del></del>                   |              |
| Item C                         |                          |                           |                                  |                  | <del>                                     </del> |                               |              |
| Item D                         | <del> </del>             |                           | <del> </del>                     | <u> </u>         | ļ ·                                              | <del> </del>                  |              |
| item E                         | <del> </del>             |                           | <del></del>                      |                  |                                                  | ·                             |              |
| item ⊑<br>Total                | E24 E44 85** (0.00 coors |                           |                                  | -                |                                                  | <u> </u>                      |              |

### Note \1

PRTC has not installed or engineered any VES cable support elements. The Company has not received a bona-fide request for any VEIS service at this time.

#### Note \2

Abam cable investment assumes 200 feet of able

# III. Virtual Collocation Investment DS1 Cross Connect Function

| Ä                              | Fill Factor     | J<br>Unit Capacity    | K                                  | L<br>Engineering      | M Installed Unit Capacity | N<br>Required<br>No. of Items         | O<br>Total Installed<br>Unit Cap      |
|--------------------------------|-----------------|-----------------------|------------------------------------|-----------------------|---------------------------|---------------------------------------|---------------------------------------|
| Rate Elements\Investment Items | (% Utilization) | investment<br>(B/H/I) | Per Unit<br>(C*D/H/I)              | Per Unit<br>(E*F/H/I) | Investment<br>(G/H/I)     | Per Unit                              | Investment<br>(M*N)                   |
| DS1 Cross Connect              |                 |                       |                                    |                       |                           | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |
| ltem A - Abam Cable ∖2         | 100.00%         | \$588,00              | ICB \1                             | ICB \1                | \$588,00                  | 1                                     | \$588.0                               |
| Item B - DSX -1 Jackfield      | 100.00%         | \$35.71               | ICB \1                             | ICB \1                | \$35.71                   | 1                                     | \$35.7                                |
| Item C                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item D                         |                 |                       |                                    |                       | <u> </u>                  |                                       |                                       |
| Item E                         |                 |                       |                                    |                       |                           |                                       | ļ                                     |
| Total                          |                 | \$623,71              |                                    |                       | \$623.71                  |                                       | \$623,7                               |
| Recurring Rate Element 2       |                 |                       |                                    |                       |                           |                                       |                                       |
| Item A                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item B                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item C                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item D                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item E                         |                 |                       |                                    |                       |                           | ·                                     |                                       |
| Total                          | •               |                       |                                    |                       |                           |                                       |                                       |
| Dogwell - Data Flamout 2       |                 |                       |                                    |                       |                           | <del></del>                           |                                       |
| Recurring Rate Element 3       |                 |                       |                                    |                       |                           |                                       |                                       |
| Item A                         |                 |                       |                                    |                       |                           | <del></del>                           |                                       |
| Item B                         | <u> </u>        |                       |                                    |                       |                           |                                       |                                       |
| Item C                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item D                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item E                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Total                          | <del>-</del>    |                       |                                    |                       |                           | <u> </u>                              | <u> </u>                              |
| Nonrecurring Rate Element 1    |                 |                       |                                    |                       | <del> </del>              |                                       |                                       |
| Item A                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item B                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item C                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item D                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item E                         |                 |                       |                                    |                       |                           | · · · · · · · · · · · · · · · · · · · |                                       |
| Total                          | -               |                       |                                    |                       |                           |                                       |                                       |
| No.                            |                 |                       |                                    |                       |                           |                                       |                                       |
| Nonrecurring Rate Element 2    |                 |                       |                                    |                       |                           |                                       |                                       |
| Item A                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item B                         |                 |                       |                                    |                       |                           | · · · · · · · · · · · · · · · · · · · |                                       |
| Item C                         |                 |                       |                                    |                       |                           |                                       |                                       |
| Item D                         |                 |                       |                                    | <del></del>           |                           |                                       | <u> </u>                              |
| Item E                         |                 |                       | er er i Transporter en gestaden er |                       |                           |                                       |                                       |
| Total                          | -               |                       |                                    |                       |                           |                                       | 2021                                  |
| Nonrecurring Rate Element 3    |                 |                       |                                    |                       |                           | <del></del>                           |                                       |
| Item A                         |                 | ·                     |                                    |                       | <del></del>               |                                       | <del> </del>                          |
| Item A                         |                 |                       |                                    | <del></del>           |                           | <del></del>                           | <del> </del>                          |
| Item C                         |                 |                       |                                    |                       | <del></del>               |                                       |                                       |
|                                |                 | <del> </del>          |                                    |                       |                           |                                       | <del> </del>                          |
| Item D                         |                 |                       |                                    |                       | ļ                         |                                       | ļ                                     |
| Item E                         |                 | ) !                   |                                    |                       |                           |                                       |                                       |

# IV. Virtual Collocation Direct Costs DS1 Cross Connect Function

| Α                                     | Р                   | Q                    | R            | S           | T                | υ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | V                  | W           |
|---------------------------------------|---------------------|----------------------|--------------|-------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|
| Rate Elements\Investment Items        | Depreciation<br>ACF | Cost of Money<br>ACF | FIT<br>ACF   | SLIT<br>ACF | Other Tax<br>ACF | Maintenance<br>ACF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Administrative ACF | Othe<br>ACF |
| DS1 Cross Connect                     |                     |                      |              | <del></del> |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item A - Abam Cable 12                | 0.089               | 0.0942               | 0.0507       | NA          | 0.0254           | 0.0471                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.093              | NA          |
| Item B - DSX -1 Jackfield             | 0.089               | 0.0942               | 0.0507       | NA          | 0.0254           | 0.0471                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.093              | NA          |
| Item C                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item D                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item E                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Total                                 |                     |                      |              | -           |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Recurring Rate Element 2              |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item A                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item B                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item C                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item D                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item E                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Total                                 | =                   |                      |              |             | ••               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    | **          |
| Recurring Rate Element 3              |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item A                                | V2                  |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item B                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item C                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item D                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item E                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Total                                 | <b></b>             | -                    | <del>-</del> | <b></b>     | <del>-</del>     | <u>,                                    </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    |             |
| Nonrecurring Rate Element 1           |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item A                                |                     |                      |              |             | -                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item B                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item C                                |                     |                      |              | -           |                  | ••                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |             |
| Item D                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item E<br>Total                       |                     |                      |              | <u>-</u>    |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
|                                       |                     |                      |              |             |                  | Carl Miles (Supplemental Superior Control of S |                    |             |
| Nonrecurring Rate Element 2<br>Item A |                     | <u></u>              |              |             | <u> </u>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item B                                |                     | <del></del>          |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u></u>            |             |
|                                       |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item C                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item E                                |                     |                      | <del>-</del> |             | <u> </u>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Total                                 | <br>                | <br>                 | <b></b>      | -           | -                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Nonrecurring Rate Element 3           |                     |                      |              | **          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item A                                |                     |                      |              |             | <del></del>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item B                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item C                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item D                                |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
|                                       |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |
| Item E<br>Total                       |                     |                      |              |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |             |

# IV. Virtual Collocation Direct Costs DS1 Cross Connect Function

| A                              | Х                                | Υ                                      | Z                       | AA                       | BB                            | cc                              | DD                                               | EE                                    |
|--------------------------------|----------------------------------|----------------------------------------|-------------------------|--------------------------|-------------------------------|---------------------------------|--------------------------------------------------|---------------------------------------|
| Rate Elements\Investment Items | Depreciation<br>Expense<br>(O*P) | Dollar<br>Cost of Money<br>(O*Q)       | FIT<br>Expense<br>(O*R) | SLIT<br>Expense<br>(O*S) | Other Tax<br>Expense<br>(O°T) | Maintenance<br>Expense<br>(O*U) | Administrative<br>Expense<br>(O*V)               | Other<br>Expense<br>(O*W)             |
| DS1 Cross Connect              |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item A - Abam Cable \2         | \$52.33                          | \$55.39                                | \$29,83                 | \$0.00                   | \$14.94                       | \$27.69                         | \$54.68                                          | \$0.0                                 |
| Item B - DSX -1 Jackfield      | \$3.18                           | \$3.36                                 | \$1.81                  | \$0.00                   | \$0.91                        | \$1.68                          | \$3.32                                           | \$0.0                                 |
| Item C                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item D                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item E                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Total                          | <b>\$</b> 55,51                  | \$58.75                                | \$31,64                 | \$0.00                   | \$15.84                       | \$29.38                         | <b>\$5</b> 8.01                                  | \$0.0                                 |
| Recurring Rate Element 2       |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item A                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item B                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item C                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item D                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item E                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Total                          |                                  |                                        |                         |                          |                               | district the second             |                                                  |                                       |
| Recurring Rate Element 3       |                                  |                                        |                         |                          | <del></del>                   |                                 |                                                  |                                       |
| Item A                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item B                         | -                                |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item C                         |                                  | 1 - 1 - 1                              |                         |                          |                               |                                 |                                                  | · · · · · · · · · · · · · · · · · · · |
| Item D                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item E                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Total                          |                                  |                                        |                         |                          |                               | unter a la companya di sa       | 14,024,04                                        |                                       |
|                                | <u> </u>                         |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Nonrecurring Rate Element 1    |                                  |                                        |                         |                          |                               |                                 | -                                                |                                       |
| Item A                         |                                  |                                        |                         | ••                       |                               |                                 | -                                                |                                       |
| Item B                         | ~-                               |                                        | -                       |                          | -                             |                                 | _                                                |                                       |
| Item C                         |                                  |                                        |                         | ••                       |                               |                                 |                                                  | _                                     |
| Item D                         | ••                               |                                        |                         | -                        |                               |                                 |                                                  |                                       |
| Item E                         |                                  |                                        |                         |                          | -                             |                                 |                                                  |                                       |
| Total                          |                                  |                                        |                         | -                        | -                             |                                 |                                                  |                                       |
| Nonrecurring Rate Element 2    |                                  |                                        |                         |                          | ••                            |                                 |                                                  |                                       |
| Item A                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item B                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item C                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item D                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item E                         |                                  | <del></del>                            |                         |                          |                               |                                 | <del>                                     </del> |                                       |
| Total                          |                                  |                                        |                         |                          |                               |                                 | <br>                                             |                                       |
|                                |                                  | ************************************** |                         |                          |                               |                                 |                                                  |                                       |
| Nonrecurring Rate Element 3    |                                  |                                        | -                       |                          | -                             |                                 | -                                                |                                       |
| Item A                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |
| Item B                         |                                  |                                        |                         |                          |                               | ••                              |                                                  |                                       |
| Item C                         |                                  |                                        |                         | -                        | ••                            |                                 |                                                  |                                       |
| Item D                         |                                  |                                        |                         | -                        |                               |                                 |                                                  |                                       |
| Item E                         |                                  |                                        |                         |                          |                               |                                 |                                                  |                                       |

# V. Virtual Collocation Price Out DS1 Cross Connect Function

|            | A                              | FF<br>Total Annual                      | GG<br>Total Monthly                | HH<br>Monthly              | II<br>Nonrecurring Hrly.               | JJ<br>Total                                 | KK                            | LL                                               | MM<br>Units Required                             |
|------------|--------------------------------|-----------------------------------------|------------------------------------|----------------------------|----------------------------------------|---------------------------------------------|-------------------------------|--------------------------------------------------|--------------------------------------------------|
|            | Rate Elements\Investment Items | Recurring Direct Unit Cost (Sum X+Y+EE) | Recurring Direct Unit Cost (FF/12) | Recurring Rate<br>Per Unit | Direct Labor Cost Other Than in D or F | Nonrecurring Direct Unit Cost (O or II)     | Nonrecurring<br>Rate Per Unit | Unit Of<br>Measure                               | Per 100<br>DS1s                                  |
| 1          | DS1 Cross Connect              |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
| 2          | Item A - Abam Cable \2         | \$234.86                                | \$19.57                            | \$19.77                    |                                        |                                             |                               | 1                                                |                                                  |
| 3          | Item B - DSX -1 Jackfield      | \$14.27                                 | \$1.19                             | \$1.20                     |                                        | -                                           |                               | 1                                                | 100                                              |
| 4          | Item C                         |                                         |                                    |                            | -                                      |                                             |                               |                                                  |                                                  |
|            | Item D                         |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
|            | Item E                         |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
| 7 8        | Total                          | \$249.13                                | \$20,76                            | \$20.97                    |                                        |                                             | <i>-</i>                      | **                                               |                                                  |
| 9          | Recurring Rate Element 2       |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
|            | Item A                         |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
| 11         | Item B                         |                                         |                                    |                            | **                                     |                                             |                               |                                                  |                                                  |
|            | Item C                         |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
|            | Item D                         |                                         |                                    | ļ                          |                                        |                                             |                               |                                                  |                                                  |
|            | Item E                         |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
| 15<br>  16 | Total                          | Z                                       |                                    |                            | -                                      | <del></del> -                               |                               | **                                               | <del>-</del>                                     |
| 17         | Recurring Rate Element 3       |                                         |                                    |                            |                                        |                                             |                               | <del></del>                                      |                                                  |
|            | Item A                         |                                         |                                    |                            |                                        |                                             |                               | Í                                                | -                                                |
|            | Item B                         |                                         | <del></del>                        |                            |                                        | ••                                          |                               | i                                                |                                                  |
|            | Item C                         |                                         |                                    |                            |                                        |                                             | <del></del>                   |                                                  |                                                  |
|            | Item D                         |                                         |                                    |                            |                                        |                                             |                               |                                                  | <del>                                     </del> |
| 22         | Item E                         |                                         |                                    |                            |                                        |                                             |                               | l                                                |                                                  |
| 23<br>24   |                                |                                         |                                    |                            |                                        | ••                                          | <del>-</del>                  |                                                  | ~                                                |
|            | Nonrecurring Rate Element 1    |                                         |                                    |                            |                                        |                                             | <del> </del>                  |                                                  | <del> </del>                                     |
|            | Item A                         |                                         |                                    |                            | <del></del>                            |                                             | ·                             | <del>                                     </del> |                                                  |
| 27         | Item B                         |                                         |                                    | <del>-</del>               |                                        |                                             |                               |                                                  |                                                  |
|            | Item C                         |                                         |                                    |                            | <del>-</del>                           |                                             |                               |                                                  | ļ                                                |
|            | Item D                         |                                         |                                    |                            |                                        |                                             | ļ                             |                                                  |                                                  |
|            | Item E                         |                                         |                                    |                            | <del>-</del>                           |                                             | <u> </u>                      |                                                  | <del> </del>                                     |
| 31         | Total                          |                                         |                                    | -                          |                                        |                                             |                               | 20 00 00 00 00 00 00 00 00 00 00 00 00 0         | -                                                |
| 32<br>33   | Nonrecurring Rate Element 2    |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
| 34         | Item A                         |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
| 35         | Item B                         |                                         | **                                 |                            |                                        |                                             |                               |                                                  |                                                  |
|            | Item C                         |                                         |                                    |                            |                                        |                                             |                               |                                                  | 1                                                |
|            | item D                         |                                         |                                    |                            |                                        |                                             |                               | <del>-</del>                                     | † <del></del> -                                  |
|            | Item E                         |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
| 39         | Total                          |                                         | -                                  | -                          |                                        |                                             |                               | ·                                                | - 1945 - 18 <del>4</del> - 1891                  |
| 40         |                                |                                         |                                    |                            |                                        |                                             | ļ                             |                                                  |                                                  |
| 41         | Nonrecurring Rate Element 3    |                                         |                                    |                            |                                        |                                             |                               |                                                  |                                                  |
|            | Item A                         |                                         |                                    |                            |                                        |                                             |                               |                                                  | <del> </del>                                     |
|            | Item B                         |                                         |                                    |                            |                                        |                                             |                               | ļ                                                | <del> </del>                                     |
|            | Item C                         |                                         |                                    |                            |                                        |                                             |                               | <del> </del>                                     | <del> </del>                                     |
|            | Item D<br>Item E               |                                         | ***                                |                            | <del></del>                            |                                             | <del> </del>                  |                                                  | <del></del>                                      |
|            |                                |                                         |                                    | - <del>-</del>             |                                        | 1 37 43 36 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |                               | 80 80                                            | <del> </del>                                     |
| 4/         | Total                          | <u> </u>                                | -                                  | -                          | Province and the bridge                |                                             |                               | 44 H                                             | <u></u>                                          |

## V. Virtual Collocation Price Out

## **DS1 Cross Connect Function**

| A                                  | NN                                          | 00                                     | PP                                       | QQ                                         | RR                                              | SS                                         | TT                                  | UU                                   |
|------------------------------------|---------------------------------------------|----------------------------------------|------------------------------------------|--------------------------------------------|-------------------------------------------------|--------------------------------------------|-------------------------------------|--------------------------------------|
| Rate Elements\Investment Items     | Total Monthly Recurring Direct Cost (GG*MM) | Total Nonrecurring Direct Cost (JJ*MM) | Amortized<br>Nonrecurring<br>Direct Cost | Total Monthly<br>Direct Cost<br>(NN or PP) | Total Monthly<br>Recurring<br>Charge<br>(HH*MM) | Total<br>Nonrecurring<br>Charge<br>(KK*MM) | Amortized<br>Nonrecurring<br>Charge | Total Monthl<br>Charge<br>(RR or TT) |
| DS1 Cross Connect                  |                                             |                                        |                                          |                                            |                                                 |                                            | 1                                   |                                      |
| 2 Item A - Abam Cable \2           | \$1,957.19                                  |                                        |                                          | \$1,957.19                                 | \$1,976.76                                      | _                                          |                                     | \$1,976.7                            |
| Item B - DSX -1 Jackfield          | \$118.88                                    |                                        |                                          | \$118.88                                   | \$120.07                                        | -                                          |                                     | \$120.0                              |
| 4 Item C                           |                                             |                                        | ••                                       |                                            |                                                 | _                                          |                                     |                                      |
| item D                             |                                             | _                                      |                                          |                                            |                                                 |                                            |                                     |                                      |
| Item E                             |                                             | ••                                     |                                          |                                            |                                                 | -                                          |                                     |                                      |
| 7 Total                            | \$2,076.07                                  |                                        |                                          | \$2,076.07                                 | \$2,096.83                                      | -                                          | igada d <del>a</del> ta anaar       | \$2,096.8                            |
| Recurring Rate Element 2           |                                             |                                        |                                          |                                            |                                                 |                                            | <del></del>                         |                                      |
| Item A                             |                                             |                                        |                                          |                                            |                                                 | -                                          |                                     |                                      |
| 1 Item B                           |                                             |                                        |                                          |                                            |                                                 | -                                          |                                     |                                      |
| 2 Item C                           |                                             |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| Item D                             |                                             |                                        |                                          |                                            |                                                 | -                                          |                                     |                                      |
| 4 Item E                           | ·                                           |                                        |                                          |                                            |                                                 |                                            | -                                   | <del></del>                          |
| Total                              |                                             |                                        |                                          |                                            | 4.5                                             |                                            |                                     |                                      |
| 6                                  |                                             |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| Recurring Rate Element 3           | <del></del>                                 |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| B Item A                           |                                             |                                        |                                          |                                            | ·                                               | **                                         |                                     |                                      |
| Item B                             | <del></del>                                 |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| Item C                             |                                             |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| 1 Item D                           | * <del> </del>                              |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| 2 Item E                           | <del></del>                                 |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| 3 Total                            |                                             |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| 4                                  |                                             |                                        |                                          |                                            | 2 2                                             |                                            | 1                                   |                                      |
| Nonrecurring Rate Element 1        |                                             | <del></del>                            |                                          |                                            |                                                 |                                            | <del> </del>                        |                                      |
| 6 Item A                           | <del></del>                                 |                                        |                                          |                                            |                                                 |                                            | <del> </del>                        |                                      |
| 7 Item B                           |                                             |                                        |                                          | ·                                          |                                                 |                                            | <del></del>                         | <del></del>                          |
| B Item C                           | <u></u>                                     |                                        |                                          |                                            |                                                 |                                            | <del> </del>                        |                                      |
| 9 Item D                           |                                             | <del></del>                            |                                          |                                            |                                                 | <del></del>                                |                                     |                                      |
| Oltem E                            | <del></del>                                 |                                        |                                          |                                            |                                                 |                                            | <del> </del>                        |                                      |
|                                    | -                                           |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
|                                    | •                                           |                                        |                                          |                                            |                                                 | eningeriorigae sygneticus sener            |                                     |                                      |
| 2<br>3 Nonrecurring Rate Element 2 | <del></del>                                 | <del></del>                            | <del> </del>                             |                                            | <del></del>                                     |                                            | <del> </del>                        |                                      |
|                                    | <del>-</del>                                |                                        |                                          |                                            |                                                 |                                            | ł                                   | ļ                                    |
| 4 Item A                           |                                             | <del></del>                            | <del> </del>                             |                                            | <del></del>                                     |                                            | <del> </del>                        | ļ                                    |
| 5 Item B                           |                                             | <del> </del>                           |                                          |                                            |                                                 |                                            |                                     | <del></del>                          |
| 6 Item C                           | <del>-</del>                                |                                        |                                          |                                            |                                                 |                                            | ļ                                   |                                      |
| 7 Item D                           |                                             |                                        |                                          | ļ                                          |                                                 |                                            | ļ                                   |                                      |
| B Item E                           |                                             |                                        |                                          |                                            |                                                 | <br>                                       | ļ                                   |                                      |
| 9 Total                            |                                             |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| Nonrecurring Rate Element 3        |                                             |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| 2 Item A                           |                                             |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| 3 Item B                           |                                             |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| 4 Item C                           |                                             |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| 5 Item D                           |                                             |                                        |                                          |                                            |                                                 |                                            |                                     |                                      |
| 6 Item E                           |                                             |                                        |                                          |                                            | -                                               |                                            |                                     |                                      |
| 7 Total                            |                                             |                                        |                                          |                                            | •                                               |                                            |                                     | walla bi tetanaji ili ak d           |
|                                    | 48 Total Month                              | y Direct Cost Pa                       | r 100 DS1s                               |                                            | 48 Total Month                                  | ly Charge Per                              | 100 DS1e                            |                                      |

### **III. Virtual Collocation Investment**

### **DS3 Cross Connect Function**

| A                              | В                                     | Ċ                                        | D                                           | E                    | F                                      | G                                               | Н                        |
|--------------------------------|---------------------------------------|------------------------------------------|---------------------------------------------|----------------------|----------------------------------------|-------------------------------------------------|--------------------------|
| Rate Elements\Investment Items | Unit<br>Investment                    | Installation<br>Hours                    | Installation<br>Direct Cost<br>Per Hour     | Engineering<br>Hours | Engineering<br>Direct Cost<br>Per Hour | Installed Unit<br>Investment<br>(B+(C*D)+(E*F)) | Unit<br>Capacity         |
| DS3 Cross Connect              |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item A - Abam Cable            | \$588.00                              | ICB \1                                   | ICB \1                                      | ICB \1               | ICB \1                                 | \$588.00                                        |                          |
| ltem B - DSX -3 Jackfield      | \$5,800.00                            | ICB \1                                   | ICB \1                                      | ICB \1               | ICB \1                                 | \$5,800.00                                      |                          |
| Item C                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| item D                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item E                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Total                          |                                       |                                          |                                             |                      | -                                      |                                                 |                          |
| Recurring Rate Element 2       |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item A                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item B                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item C                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item D                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item E                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Total                          | -                                     | -                                        |                                             |                      | **                                     |                                                 | •••                      |
| Recurring Rate Element 3       |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item A                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item B                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item C                         |                                       |                                          |                                             |                      | 1                                      |                                                 |                          |
| Item D                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item E                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Total                          | 47                                    | 5                                        |                                             | -                    |                                        |                                                 |                          |
| Nonrecurring Rate Element 1    |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item A                         |                                       | <del></del>                              | <del></del>                                 | <del></del>          | <del> </del>                           |                                                 |                          |
| Item B                         | · · · · · · · · · · · · · · · · · · · |                                          |                                             | <del> </del>         |                                        |                                                 |                          |
| Item C                         |                                       |                                          |                                             |                      | <del> </del>                           | ·                                               |                          |
| Item D                         |                                       |                                          |                                             | <del> </del>         |                                        |                                                 |                          |
| Item E                         |                                       |                                          |                                             | <del> </del>         |                                        |                                                 |                          |
|                                |                                       | 550 15 01 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 A 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 |                      |                                        |                                                 |                          |
| Total                          |                                       | <del></del>                              | -                                           | -                    | -                                      |                                                 |                          |
| Nonrecurring Rate Element 2    |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item A                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item B                         |                                       |                                          |                                             | <b> </b>             |                                        |                                                 |                          |
| Item C                         |                                       |                                          | ļ                                           | <del> </del>         | l                                      |                                                 | <u> </u>                 |
| Item D                         |                                       |                                          |                                             | ļ <del></del>        |                                        |                                                 |                          |
| Item E                         |                                       | ***************************************  | <u> </u>                                    |                      | ļ                                      |                                                 |                          |
| Total                          | **                                    |                                          | **                                          |                      | **                                     | (0,000 F)                                       | signia d <del>e</del> sc |
| <u> </u>                       |                                       |                                          | L                                           | <del> </del>         | ļ                                      |                                                 |                          |
| Nonrecurring Rate Element 3    |                                       |                                          |                                             | <u></u>              | <u> </u>                               |                                                 |                          |
| Item A                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item B                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item C                         |                                       |                                          |                                             | ·                    |                                        |                                                 |                          |
| Item D                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Item E                         |                                       |                                          |                                             |                      |                                        |                                                 |                          |
| Total                          | <del></del>                           | 7.                                       |                                             | ***                  | -                                      |                                                 |                          |

#### Note \1

PRTC has not installed or engineered any VEI cable support elements. The Company has not received a bona-fide request for any VEIS service at this time.

### Note \2

Abam cable investment assumes 200 feet of c ble

## III. Virtual Collocation Investment

## **DS3 Cross Connect Function**

| Α                              | 1                              | J                                      | К                                     | L                                    | M<br>Installed Unit               | N<br>Required            | O<br>Total Installed            |
|--------------------------------|--------------------------------|----------------------------------------|---------------------------------------|--------------------------------------|-----------------------------------|--------------------------|---------------------------------|
| Rate Elements\Investment Items | Fill Factor<br>(% Utilization) | Unit Capacity<br>Investment<br>(B/H/I) | Installation<br>Per Unit<br>(C*D/H/I) | Engineering<br>Per Unit<br>(E*F/H/I) | Capacity<br>Investment<br>(G/H/I) | No. of Items<br>Per Unit | Unit Cap<br>Investment<br>(M*N) |
| DS3 Cross Connect              |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item A - Abam Cable            | 100,00%                        | \$588.00                               | ICB \1                                | ICB \1                               | \$588.00                          | 1                        |                                 |
| Item B - DSX -3 Jackfield      | 100.00%                        | \$5,800.00                             | ICB \1                                | ICB \1                               | \$5,800.00                        | 1                        | \$5,800.0                       |
| Item C                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item D                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item E                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Total                          | •                              | \$6,388.00                             |                                       |                                      | \$6,388.00                        | <del>-+</del>            | \$6,388.0                       |
| Recurring Rate Element 2       |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item A                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item B                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item C                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item D                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item E                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Total                          | <del>-</del> -                 |                                        |                                       |                                      |                                   |                          |                                 |
| Recurring Rate Element 3       |                                | ļ                                      |                                       |                                      |                                   |                          | - <del></del>                   |
| Item A                         |                                | <del></del>                            |                                       |                                      | ·                                 |                          |                                 |
| Item B                         | <u></u>                        | ļ                                      |                                       | <del></del>                          |                                   | ·                        |                                 |
|                                | <u> </u>                       |                                        | ļ.—————                               | <del> </del>                         |                                   |                          |                                 |
| Item C                         | <del></del>                    | \                                      |                                       |                                      |                                   |                          |                                 |
| Item D                         |                                |                                        | ļ <u>.</u>                            | <del></del>                          |                                   |                          |                                 |
| Item E                         | l                              |                                        |                                       |                                      |                                   |                          |                                 |
| Total                          | <b>**</b>                      |                                        |                                       |                                      |                                   | <del></del>              |                                 |
| Non-record - Data Flores-A4    | ļ                              |                                        |                                       |                                      |                                   |                          |                                 |
| Nonrecurring Rate Element 1    |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item A                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item B                         |                                |                                        | ·                                     | ļ <u> </u>                           |                                   |                          |                                 |
| Item C                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item D                         |                                |                                        |                                       | ļ. <del></del>                       |                                   |                          |                                 |
| Item E                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Total                          | <del></del>                    |                                        |                                       |                                      |                                   | -                        |                                 |
| Nonrecurring Rate Element 2    |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item A                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item B                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item C                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item D                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item E                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Total                          |                                |                                        |                                       |                                      |                                   |                          |                                 |
|                                |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Nonrecurring Rate Element 3    |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item A                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item B                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item C                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item D                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Item E                         |                                |                                        |                                       |                                      |                                   |                          |                                 |
| Total                          | <del>-</del>                   |                                        |                                       |                                      | 4.50 F. W. V. V. J. S.            |                          |                                 |

# IV. Virtual Collocation Direct Costs DS3 Cross Connect Function

| A                              | Р                   | Q                    | R           | S            | Τ                | Ü                  | V                     | W           |
|--------------------------------|---------------------|----------------------|-------------|--------------|------------------|--------------------|-----------------------|-------------|
| Rate Elements\Investment Items | Depreciation<br>ACF | Cost of Money<br>ACF | FIT<br>ACF  | SLIT<br>ACF  | Other Tax<br>ACF | Maintenance<br>ACF | Administrative<br>ACF | Othe<br>ACF |
| DS3 Cross Connect              | <del></del>         |                      |             |              |                  |                    |                       |             |
| Item A - Abam Cable            | 0.089               | 0.0942               | 0.0507      | NA           | 0.0254           | 0.0471             | 0.093                 | NA          |
| Item B - DSX -3 Jackfield      | 0.089               | 0.0942               | 0.0507      | NA           | 0.0254           | 0.0471             | 0.093                 | NA          |
| Item C                         |                     |                      |             |              |                  |                    |                       |             |
| Item D                         |                     |                      |             |              |                  |                    |                       |             |
| Item E                         |                     |                      |             |              |                  |                    |                       |             |
| Total                          | ••                  |                      | •           |              |                  | •                  |                       | **          |
| Recurring Rate Element 2       |                     |                      |             |              |                  |                    | -                     |             |
| Item A                         |                     |                      |             |              |                  |                    |                       |             |
| Item B                         |                     |                      |             |              |                  |                    |                       |             |
| Item C                         |                     |                      |             |              |                  |                    |                       |             |
| Item D                         |                     |                      |             |              |                  |                    |                       |             |
| Item E                         |                     |                      |             |              |                  |                    |                       |             |
| Total                          |                     |                      |             |              |                  |                    |                       |             |
| Recurring Rate Element 3       |                     |                      |             |              |                  |                    |                       |             |
| Item A                         |                     |                      |             |              |                  |                    |                       |             |
| Item B                         |                     |                      |             |              |                  |                    |                       |             |
| Item C                         |                     |                      |             |              |                  |                    |                       |             |
| Item D                         |                     |                      |             |              |                  |                    |                       |             |
| Item E                         |                     |                      | <del></del> |              |                  |                    |                       |             |
| Total                          |                     |                      | -           |              |                  | ••                 |                       | -           |
| Nonrecurring Rate Element 1    |                     |                      |             | -            |                  |                    | -                     |             |
| Item A                         |                     |                      |             | -            |                  | -                  | -                     |             |
| Item B                         |                     |                      |             |              |                  |                    |                       |             |
| Item C                         |                     | _                    | -           | _            |                  |                    |                       |             |
| Item D                         |                     |                      |             | _            |                  |                    | _                     | _           |
| Item E                         |                     |                      |             |              |                  |                    |                       |             |
| Total                          |                     |                      |             | -            |                  |                    |                       |             |
| Nonrecurring Rate Element 2    |                     |                      |             |              | <del></del>      |                    | <del> </del>          |             |
| Item A                         |                     |                      |             | -            | -                |                    |                       |             |
| Item B                         | - <del>-</del>      |                      |             |              |                  |                    |                       | -           |
| Item C                         |                     |                      |             |              |                  |                    |                       |             |
| Item D                         |                     |                      |             |              |                  |                    |                       |             |
| Item E                         |                     |                      |             |              |                  |                    |                       |             |
| Total                          |                     |                      |             | -            | <u> </u>         |                    | <u> </u>              |             |
|                                |                     |                      |             | ļ            | ļ <del> </del>   |                    | <del> </del>          |             |
| Nonrecurring Rate Element 3    |                     |                      |             | -            | <del>-</del>     |                    |                       |             |
| Item A                         |                     |                      |             | <del>-</del> | <del></del>      |                    |                       |             |
| Item B                         | <del></del>         |                      |             |              |                  |                    |                       |             |
| Item C                         |                     |                      |             |              |                  |                    |                       |             |
| Item D                         |                     |                      |             |              |                  |                    |                       |             |
| Item E                         |                     |                      |             | -            |                  | -                  |                       |             |
| Total                          | -                   | -                    |             | -            |                  | ••                 |                       |             |

# IV. Virtual Collocation Direct Costs DS3 Cross Connect Function

| A                              | X                                     | Y                                | Z                       | AA                       | BB                            | CC                              | DD                                               | ĒE                        |
|--------------------------------|---------------------------------------|----------------------------------|-------------------------|--------------------------|-------------------------------|---------------------------------|--------------------------------------------------|---------------------------|
| Rate Elements\Investment Items | Depreciation<br>Expense<br>(O*P)      | Dollar<br>Cost of Money<br>(O*Q) | FIT<br>Expense<br>(O*R) | SLIT<br>Expense<br>(O*S) | Other Tax<br>Expense<br>(O*T) | Maintenance<br>Expense<br>(O*U) | Administrative<br>Expense<br>(O°V)               | Other<br>Expense<br>(O*W) |
| DS3 Cross Connect              |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item A - Abam Cable            | \$52.33                               | \$55.39                          | \$29.83                 | \$0,00                   | \$14.94                       | \$27.69                         | \$54.68                                          | \$0.0                     |
| Item B - DSX -3 Jackfield      | \$516.20                              | \$546.36                         | \$294.21                | \$0.00                   | \$147.32                      | \$273.18                        | \$539.40                                         | \$0.0                     |
| Item C                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item D                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item E                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Total                          | \$568.53                              | \$601.75                         | \$324.04                | \$0.00                   | \$162,26                      | \$300.87                        | \$594,08                                         | \$0.0                     |
| Recurring Rate Element 2       |                                       |                                  |                         |                          | <del> </del>                  |                                 |                                                  |                           |
| Item A                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item B                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item C                         | · · · · · · · · · · · · · · · · · · · |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item D                         |                                       |                                  |                         |                          | <del></del>                   |                                 |                                                  |                           |
| Item E                         | ··                                    |                                  |                         |                          |                               |                                 |                                                  |                           |
| Total                          |                                       |                                  |                         |                          |                               |                                 |                                                  | <del></del>               |
|                                | <del></del>                           |                                  |                         |                          |                               |                                 |                                                  |                           |
| Recurring Rate Element 3       |                                       |                                  |                         |                          |                               |                                 | ·                                                |                           |
| Item A                         |                                       |                                  |                         |                          | <del></del>                   | <del></del>                     |                                                  |                           |
| Item B                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item C                         |                                       | <del></del>                      |                         |                          | <del></del>                   |                                 | <del> </del>                                     |                           |
| Item D                         |                                       | <del></del>                      |                         |                          |                               |                                 | <del> </del>                                     |                           |
| Item E                         |                                       | <del></del>                      |                         |                          | <del></del>                   |                                 | ·                                                |                           |
| Total                          |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
|                                |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Nonrecurring Rate Element 1    | ·                                     |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item A                         |                                       |                                  | ••                      | -                        |                               | <del>-</del>                    |                                                  | <del></del>               |
| Item B                         | **                                    | -                                |                         | -                        |                               | -                               |                                                  |                           |
| Item C                         | <u> </u>                              |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item D                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item E                         |                                       |                                  | <b>-</b> -              | -                        |                               |                                 |                                                  |                           |
| Total                          |                                       | -                                |                         |                          | -                             | -                               |                                                  |                           |
| Nonrecurring Rate Element 2    |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item A                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item B                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item C                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item D                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item E                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Total                          |                                       |                                  | •••                     |                          |                               | 28.415 <b>44</b>                |                                                  |                           |
|                                | <u> </u>                              |                                  | <u> </u>                |                          |                               |                                 | <del> </del>                                     |                           |
| Nonrecurring Rate Element 3    |                                       |                                  |                         | -                        |                               |                                 | <del></del>                                      |                           |
| Item A                         |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |
| Item B                         |                                       |                                  | <del>-</del>            |                          |                               |                                 | <del>                                     </del> |                           |
| Item C                         |                                       | <u>:</u>                         |                         |                          |                               |                                 |                                                  | <del></del> -             |
| Item D                         |                                       | <del> </del>                     |                         |                          | <del></del>                   | <del></del>                     |                                                  |                           |
| Item E                         |                                       | <u>-</u>                         | <del> </del>            |                          | <del> </del>                  |                                 |                                                  |                           |
|                                |                                       |                                  |                         |                          |                               |                                 |                                                  |                           |

# V. Virtual Collocation Price Out DS3 Cross Connect Function

| A  Rate Elements\Investment Items | FF Total Annual Recurring Direct Unit Cost (Sum X+Y+EE) | GG Total Monthly Recurring Direct Unit Cost (FF/12) | HH<br>Monthly<br>Recurring Rate<br>Per Unit | II<br>Nonrecurring Hrly.<br>Direct Labor Cost<br>Other Than in<br>D or F | JJ<br>Total<br>Nonrecurring<br>Direct Unit Cost<br>(O or II) | KK<br>Nonrecurring<br>Rate Per Unit   | LL<br>Unit Of<br>Measure | MM<br>Units Require<br>Per 4<br>DS3s |
|-----------------------------------|---------------------------------------------------------|-----------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------|--------------------------|--------------------------------------|
| DS3 Cross Connect                 |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item A - Abam Cable               | \$234.86                                                | \$19.57                                             | \$21.85                                     |                                                                          |                                                              |                                       |                          |                                      |
| Item B - DSX -3 Jackfield         | \$2,316.67                                              | \$193.06                                            | \$215.51                                    |                                                                          | <u></u>                                                      | ••                                    |                          |                                      |
| Item C                            |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item D                            | <u> </u>                                                |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item E                            | <br>                                                    |                                                     |                                             | -                                                                        | -                                                            |                                       |                          |                                      |
| Total                             | \$2,551.54                                              | \$212.63                                            | \$237,36                                    |                                                                          | **                                                           | <u></u> -                             |                          |                                      |
| Recurring Rate Element 2          |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item A                            |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item B                            |                                                         |                                                     |                                             |                                                                          | -                                                            |                                       |                          |                                      |
| Item C                            |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item D                            |                                                         |                                                     |                                             |                                                                          | _                                                            | _                                     |                          | 1                                    |
| Item E                            |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Total                             |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          | <b>-</b>                             |
| Recurring Rate Element 3          | <del> </del>                                            |                                                     |                                             |                                                                          |                                                              |                                       |                          | <del> </del>                         |
| Item A                            |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item B                            |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          | <del> </del>                         |
| Item C                            | <del></del>                                             | <del></del>                                         |                                             |                                                                          |                                                              |                                       | <del></del>              |                                      |
| Item D                            | <del> </del>                                            |                                                     | <del> </del>                                |                                                                          |                                                              |                                       |                          | <del> </del>                         |
| Item E                            |                                                         | <del></del>                                         | <del> </del>                                |                                                                          | <b></b>                                                      |                                       |                          | ·                                    |
| Total                             |                                                         |                                                     |                                             |                                                                          | -                                                            |                                       |                          | <u> </u>                             |
| Nonrecurring Rate Element 1       | <u></u>                                                 | <u> </u>                                            | <u></u>                                     |                                                                          |                                                              |                                       |                          |                                      |
| Item A                            | <del> </del>                                            |                                                     |                                             |                                                                          | <del></del>                                                  |                                       |                          | <del> </del>                         |
| Item B                            | <del> </del>                                            | <del></del>                                         | <del></del>                                 | <del></del>                                                              | <del></del>                                                  | <del></del>                           | <u> </u>                 | <del> </del>                         |
|                                   |                                                         | <del></del>                                         |                                             |                                                                          | <del> </del>                                                 |                                       |                          | +                                    |
| Item C                            |                                                         |                                                     |                                             |                                                                          | <b> </b>                                                     |                                       |                          | <del></del>                          |
| Item D                            |                                                         | <del>-</del>                                        |                                             |                                                                          |                                                              |                                       |                          | <del></del>                          |
| Item E                            |                                                         |                                                     |                                             | -                                                                        |                                                              |                                       |                          |                                      |
| Total                             | -                                                       | -                                                   | <b></b>                                     |                                                                          |                                                              |                                       | <del>-</del> -           | -                                    |
| Nonrecurring Rate Element 2       | -                                                       |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item A                            |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item B                            |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item C                            |                                                         |                                                     |                                             | -                                                                        |                                                              |                                       |                          |                                      |
| Item D                            |                                                         | _                                                   |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item E                            |                                                         |                                                     |                                             | -                                                                        |                                                              |                                       |                          |                                      |
| Total                             |                                                         | -                                                   |                                             |                                                                          |                                                              |                                       |                          |                                      |
|                                   | T                                                       |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Nonrecurring Rate Element 3       |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item A                            |                                                         | -                                                   |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Item B                            |                                                         |                                                     |                                             |                                                                          |                                                              | · · · · · · · · · · · · · · · · · · · |                          |                                      |
| Item C                            |                                                         |                                                     |                                             | ••                                                                       |                                                              |                                       |                          |                                      |
| Item D                            |                                                         |                                                     |                                             |                                                                          | <del> </del>                                                 |                                       |                          | 1                                    |
| Item E                            |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |
| Total                             |                                                         |                                                     |                                             |                                                                          |                                                              |                                       |                          |                                      |

# V. Virtual Collocation Price Out DS3 Cross Connect Function

| A                              | NN<br>Total Monthly                        | OO<br>Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PP<br>Amortized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                                                                                                                                                                                                                           | RR<br>Total Monthly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SS<br>Total                                   | TT<br>Amortized                                   | VÜ                                   |
|--------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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| Rate Elements\Investment Items | Recurring<br>Direct Cost<br>(GG*MM)        | Nonrecurring<br>Direct Cost<br>(JJ*MM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nonrecurring<br>Direct Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Total Monthly<br>Direct Cost<br>(NN or PP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Recurring<br>Charge<br>(HH*MM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nonrecurring<br>Charge<br>(KK*MM)             | Nonrecurring<br>Charge                            | Total Monthl<br>Charge<br>(RR or TT) |
| DS3 Cross Connect              |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| tem A - Abam Cable             | \$78.29                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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                                                                                                                                                                                                                                                                          |                                               |                                                   | \$87.                                |
| tem B - DSX -3 Jackfield       | \$772.22                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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                                                                                                                                                                                                                                                                          |                                               |                                                   | \$862.                               |
| tem C                          |                                            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| tem D                          |                                            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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|                                | ran in the strate 🕳 in Color in the Strate | Enabertata de la Caración de la Cara | <ul> <li>Communicación de 200 de la completada</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Property in the standard of the state of the | Market Control of the | resident i all sensitati dell'illa i i di Ser | <ul> <li>Assistance Control of Control</li> </ul> | Programme Company                    |

### **III. Virtual Collocation Investment**

### DS1\DS3 Entrance Function

|          | Α                                   | В                                | С                   | D            | E           | F                                      | G                                     | Н                         |
|----------|-------------------------------------|----------------------------------|---------------------|--------------|-------------|----------------------------------------|---------------------------------------|---------------------------|
|          |                                     |                                  |                     | Installation |             | Engineering                            |                                       |                           |
| l        |                                     | Unit                             | Installation        | Direct Cost  | Engineering | Direct Cost                            | Installed Unit                        | Unit                      |
|          | Rate Elements/Investment Items      | Investment                       | Hours               | Per Hour     | Hours       | Per Hour                               | Investment<br>(B+(C*D)+(E*F))         | Capacity                  |
|          | Floor Space - Recurring             |                                  |                     |              |             |                                        |                                       |                           |
|          | Item A - Buildings                  | \$188.66                         | NA                  | NA           | NA          | NA NA                                  | \$188.66                              |                           |
|          | Item B                              |                                  |                     |              |             | ļ <u></u>                              |                                       |                           |
|          | Item C                              |                                  |                     |              |             | ļ                                      |                                       |                           |
| 5        | Item D                              |                                  |                     |              |             |                                        |                                       |                           |
| 7        | Total                               | -                                |                     |              |             | -                                      |                                       | -                         |
| 8<br>9   | Cable Support - Recurring           |                                  |                     |              |             |                                        |                                       |                           |
|          | Item A - Sub-conduit \2             | \$444.00                         | ICB \1              | ICB \1       | ICB \1      | ICB \1                                 | \$444.00                              |                           |
| 11       | Item B - Conduit & Cable Support \2 | \$5,800.00                       | ICB \1              | ICB \1       | ICB \1      | ICB \1                                 | \$5,800.00                            |                           |
| 12       | Item C                              |                                  |                     |              |             |                                        |                                       |                           |
| 13       | Item D                              |                                  |                     |              |             |                                        |                                       |                           |
|          | Item E                              |                                  |                     |              |             |                                        |                                       |                           |
| 15<br>16 | Total                               | · · · · <del>- ·</del> · · · · · |                     | 1            |             | -                                      |                                       | , - With-on,              |
|          | Recurring Rate Element 3            |                                  |                     |              |             |                                        | f <del></del>                         |                           |
|          | Item A                              | ·                                | <del></del>         |              |             |                                        |                                       |                           |
| 19       | Item B                              |                                  |                     |              |             |                                        |                                       |                           |
|          | Item C                              |                                  |                     |              |             |                                        |                                       |                           |
| 21       | Item D                              |                                  |                     |              |             |                                        |                                       |                           |
| 22       | Item E                              |                                  |                     |              | <del></del> |                                        |                                       |                           |
| 23       | Total                               |                                  |                     |              | -           | -                                      | • • • • • • • • • • • • • • • • • • • |                           |
| 24       |                                     |                                  |                     |              |             |                                        |                                       |                           |
| 25       | Nonrecurring - Cable Installation   |                                  |                     |              |             |                                        |                                       |                           |
|          | Item A - Cable Installation         | \$0.00                           | 35.00               | \$36.00      | 6           | 36                                     | \$1,476.00                            |                           |
|          | Item B                              |                                  |                     |              |             |                                        |                                       |                           |
|          | Item C                              |                                  |                     |              |             |                                        |                                       |                           |
|          | Item D                              |                                  |                     |              |             |                                        |                                       |                           |
|          | Item E                              |                                  |                     |              |             |                                        |                                       |                           |
| 31<br>32 | Total                               |                                  | -                   |              |             | -                                      |                                       |                           |
| 33       | Nonrecurring Rate Element 2         |                                  |                     |              |             |                                        |                                       |                           |
|          | Item A                              |                                  |                     |              | <del></del> |                                        |                                       |                           |
|          | Item C                              |                                  |                     |              | <b></b>     |                                        | <del> </del>                          |                           |
|          | Item D                              |                                  |                     |              |             | <u> </u>                               | <del> </del>                          |                           |
|          | Item E                              |                                  |                     |              |             |                                        |                                       |                           |
| 39       | Total                               |                                  |                     | -            |             |                                        |                                       |                           |
| 40       |                                     | TT:                              | A.A                 |              | <u> </u>    | ************************************** |                                       | <u>ious Bar Taidh i i</u> |
| 41       | Nonrecurring Rate Element 3         |                                  |                     |              |             | <del></del>                            |                                       |                           |
| 42       |                                     |                                  |                     |              |             |                                        |                                       |                           |
|          | Item B                              |                                  |                     |              |             |                                        |                                       |                           |
|          | Item C                              |                                  |                     |              |             |                                        |                                       |                           |
|          | Item D                              |                                  |                     |              |             |                                        |                                       |                           |
|          | Item E                              |                                  |                     |              |             |                                        |                                       |                           |
| 47       | Total                               | -                                | 70 <del>7 -</del> 1 | •• 🗼 👀       | -           | <b>.</b>                               | ••                                    |                           |

### Note \1

PRTC has not installed or engineered any VES cable support elements. The Company has not received a bona-fide request for any VES service at this time.

### Note \2

Cable support material investment assumes 00 feet of cable

# III. Virtual Collocation Investment DS1\DS3 Entrance Function

| A                                   | l                              | J                                      | κ                                     | L                              | M<br>Installed Unit               | N<br>Required            | O<br>Total Installed            |
|-------------------------------------|--------------------------------|----------------------------------------|---------------------------------------|--------------------------------|-----------------------------------|--------------------------|---------------------------------|
| Rate Elements/Investment Items      | Fill Factor<br>(% Utilization) | Unit Capacity<br>Investment<br>(B/H/I) | Installation Per Unit (C*D/H/I)       | Engineering Per Unit (E*F/H/I) | Capacity<br>Investment<br>(G/H/I) | No. of Items<br>Per Unit | Unit Cap<br>Investment<br>(M*N) |
| Floor Space - Recurring             |                                |                                        |                                       |                                |                                   |                          |                                 |
| ltem A - Buildings                  | 100.00%                        | \$188.66                               | NA                                    | NA                             | \$188.66                          | 1                        | \$188.6                         |
| Item B                              |                                | ·                                      |                                       |                                |                                   | ļ                        |                                 |
| I Item C                            |                                |                                        |                                       |                                |                                   | ·                        | <u> </u>                        |
| Item D                              |                                |                                        |                                       |                                |                                   |                          | <u> </u>                        |
| Item E                              |                                |                                        |                                       |                                |                                   |                          |                                 |
| 7 Total<br>3                        | +                              | \$188.66                               | NA.                                   | NA                             | <b>\$</b> 188.66                  |                          | \$188,6                         |
| Cable Support - Recurring           | -                              |                                        |                                       |                                |                                   |                          |                                 |
| Item A - Sub-conduit \2             | 100.00%                        | \$444.00                               | ICB \1                                | ICB \1                         | \$444.00                          | 1                        | \$444.0                         |
| Item B - Conduit & Cable Support \2 | 100.00%                        | \$5,800.00                             | ICB \1                                | ICB \1                         | \$5,800.00                        | 1                        |                                 |
| Item C                              |                                |                                        |                                       |                                |                                   |                          |                                 |
| Item D                              |                                |                                        |                                       |                                |                                   |                          |                                 |
| I item E                            |                                |                                        |                                       |                                |                                   |                          |                                 |
| Total                               |                                | \$6,244.00                             | \$0.00                                | \$0.00                         | \$6,244.00                        | •••                      | \$6,244.                        |
| Recurring Rate Element 3            |                                |                                        | ļ                                     | <del></del>                    |                                   | <del> </del>             | <del> </del>                    |
| Item A                              |                                |                                        | <del></del>                           | ļ                              |                                   | <del> </del>             | <del> </del>                    |
| Item B                              |                                |                                        |                                       | <del> </del>                   |                                   |                          | <del> </del>                    |
|                                     | - <del></del>                  |                                        |                                       |                                |                                   |                          | <del> </del>                    |
| Item C                              | · <del> </del>                 |                                        |                                       | <b></b>                        |                                   | <del></del>              | <del> </del>                    |
| I Item D                            |                                |                                        |                                       | ļ                              |                                   | <del></del>              | <del> </del>                    |
| 2 Item E                            |                                |                                        |                                       |                                |                                   |                          | ļ                               |
| Total                               |                                |                                        |                                       |                                |                                   | <del>-1</del>            |                                 |
| Nonrecurring - Cable Installation   |                                |                                        |                                       |                                |                                   |                          |                                 |
| Item A - Cable Installation         | 100.00%                        | \$0.00                                 | \$1,260.00                            | \$216.00                       | \$1,476.00                        | 1                        | \$1,476.                        |
| Item B                              |                                |                                        |                                       |                                |                                   |                          |                                 |
| Item C                              |                                |                                        |                                       |                                |                                   |                          |                                 |
| Item D                              |                                |                                        |                                       |                                | •                                 |                          | T                               |
| Item E                              |                                |                                        |                                       |                                |                                   |                          |                                 |
| Total                               |                                |                                        |                                       |                                |                                   |                          |                                 |
| Nonrecurring Rate Element 2         |                                |                                        | <del></del>                           |                                | <u> </u>                          | <del></del>              | <del> </del>                    |
| Item A                              | <del></del>                    |                                        |                                       |                                |                                   |                          | <del> </del>                    |
| Item B                              | <del> </del>                   | <del></del>                            |                                       |                                | <del></del>                       |                          | <del> </del>                    |
| Iltem C                             |                                |                                        |                                       | <del> </del>                   |                                   |                          | <del> </del>                    |
| / Item D                            | 1                              |                                        |                                       |                                |                                   |                          | t                               |
| Item E                              | - <del> </del>                 |                                        |                                       |                                |                                   | <u> </u>                 | <u> </u>                        |
| Total                               |                                |                                        |                                       |                                |                                   |                          |                                 |
| 0                                   |                                |                                        | e e e e e e e e e e e e e e e e e e e |                                |                                   |                          |                                 |
| Nonrecurring Rate Element 3         | 1                              |                                        |                                       |                                |                                   |                          | <del> </del>                    |
| 2 Item A                            | 1                              |                                        |                                       |                                | <del>-</del>                      |                          | <del> </del>                    |
| 3 Item B                            |                                |                                        |                                       |                                |                                   |                          | <del> </del>                    |
|                                     | <del> </del>                   |                                        | ···                                   |                                |                                   |                          | <del> </del>                    |
| 4 (Item C                           |                                |                                        |                                       |                                | 1                                 |                          | <del></del>                     |
| Item C                              |                                |                                        |                                       |                                |                                   |                          | ì                               |
| 5 Item D<br>B Item E                |                                |                                        |                                       |                                |                                   |                          | <del> </del>                    |

# IV. Virtual Collocation Direct Costs DS1\DS3 Entrance Function

| A                                                                | P                   | Q                    | R          | s           | Т                | υ                  | V                     | W          |
|------------------------------------------------------------------|---------------------|----------------------|------------|-------------|------------------|--------------------|-----------------------|------------|
| Rate Elements/Investment Items                                   | Depreciation<br>ACF | Cost of Money<br>ACF | FIT<br>ACF | SLIT<br>ACF | Other Tax<br>ACF | Maintenance<br>ACF | Administrative<br>ACF | Othe<br>AC |
| Floor Space - Recurring                                          |                     |                      |            |             |                  | <del></del>        | <del> </del>          |            |
| Item A - Buildings                                               | 0.033               | 0.1053               | 0.0567     | NA          | 0.0254           | 0.1177             | 0.093                 | ÑA         |
| Item B                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item C                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item D                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item E                                                           |                     |                      |            |             |                  |                    |                       |            |
| Total                                                            |                     |                      | <u> </u>   |             |                  |                    |                       |            |
| Cable Support - Recurring                                        |                     |                      |            |             | <del></del>      |                    | <del> </del>          |            |
| Item A - Sub-conduit \2                                          | 0.019               | 0.1083               | 0.0583     | NA          | 0.0254           | 0.0581             | 0.093                 | NA         |
| Item B - Conduit & Cable Support \2                              | 0.019               | 0.1083               | 0.0583     | NA          | 0.0254           | 0,0581             | 0.093                 | NA         |
| Item C                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item D                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item E                                                           |                     |                      |            |             |                  |                    |                       |            |
| Total                                                            | - 10 m              |                      |            | -           | -                |                    |                       |            |
| Recurring Rate Element 3                                         |                     |                      |            |             |                  |                    |                       |            |
| Item A                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item B                                                           |                     |                      |            |             |                  |                    | · ·                   |            |
| Item C                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item D                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item E                                                           |                     |                      |            |             |                  |                    |                       |            |
| Total                                                            |                     | -                    | <b></b>    | -           | ••               |                    | •                     |            |
|                                                                  |                     |                      |            |             |                  |                    |                       |            |
| Nonrecurring - Cable Installation<br>Item A - Cable Installation |                     | _                    |            |             |                  | -                  |                       |            |
| Item A - Cable Installation                                      |                     |                      |            | -           |                  | -                  |                       |            |
| Item B                                                           |                     |                      | -          | -           | -                |                    |                       | ••         |
| Item C                                                           |                     |                      | -          | -           | -                |                    |                       |            |
| Item D                                                           |                     |                      | -          | -           |                  |                    |                       |            |
| Item E                                                           |                     | -                    |            |             |                  | -                  |                       |            |
| Total                                                            |                     |                      |            |             |                  |                    |                       |            |
| Nonrecurring Rate Element 2                                      |                     | -                    |            | -           |                  |                    |                       |            |
| Item A                                                           |                     |                      |            | ••          |                  |                    |                       |            |
| Item B                                                           |                     | ••                   |            |             |                  |                    | -                     |            |
| Item C                                                           |                     | ••                   |            | <u>-</u>    |                  |                    |                       |            |
| Item D                                                           | ••                  |                      |            | **          |                  | ••                 |                       |            |
| Item E                                                           |                     |                      |            |             |                  | -                  |                       |            |
| Total                                                            |                     |                      |            | -           |                  |                    |                       |            |
| Nonrecurring Rate Element 3                                      | #=                  |                      | ••         |             | ••               |                    |                       |            |
| Item A                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item B                                                           |                     |                      |            |             | -                |                    |                       |            |
| Item C                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item D                                                           |                     |                      |            |             |                  |                    |                       |            |
| Item E                                                           |                     |                      |            |             |                  |                    |                       |            |